

DATE: Tuesday, July 08, 2003 Printable Copy Create Case

7/8/03 2:57 PM

Set Name	Query	Hit Count	Set Name
side by side			result set
DB=US	SPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR		
<u>L16</u>	L12 & L5	0	<u>L16</u>
<u>L15</u>	L11 & L5	12	<u>L15</u>
<u>L14</u>	L11 & L9	26	<u>L14</u>
<u>L13</u>	L12 & L9	0	<u>L13</u>
<u>L12</u>	L1 & L4	780	<u>L12</u>
<u>L11</u>	L1 & L3	3418	<u>L11</u>
<u>L10</u>	L9 & L6	0	<u>L10</u>
<u>L9</u>	actuat\$3 SAME (MEMS or MEMs) SAME chip\$1	408	<u>L9</u>
<u>L8</u>	L3 & L4 & L5	0	<u>L8</u>
<u>L7</u>	L6 & L5	0	<u>L7</u>
<u>L6</u>	L1 & L3 & L4	4	<u>L6</u>
<u>L5</u>	actuat\$3 SAME (MEMS or MEMs) SAME chip\$1 SAME integrat\$3	168	<u>L5</u>
<u>L4</u>	hinge\$1 SAME lock\$3 SAME latch\$3 SAME (rotat\$4 or pivot\$3)	3353	<u>L4</u>
<u>L3</u>	optical WITH (component\$1 or element\$1) WITH mov\$5	21091	<u>L3</u>
<u>L2</u>	actuat\$3 WITH MEMS WITH chip\$1 WITH integrat\$3	25	<u>L2</u>
<u>L1</u>	actuat\$3 WITH mov\$5	323259	<u>L1</u>

END OF SEARCH HISTORY

WEST

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Search Results - Record(s) 1 through 10 of 12 returned.

1. Document ID: US 20030113067 A1

L15: Entry 1 of 12

File: PGPB

Jun 19, 2003

PGPUB-DOCUMENT-NUMBER: 20030113067

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030113067 A1

TITLE: Multifunctional intelligent optical modules based on planar lightwave circuits

PUBLICATION-DATE: June 19, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

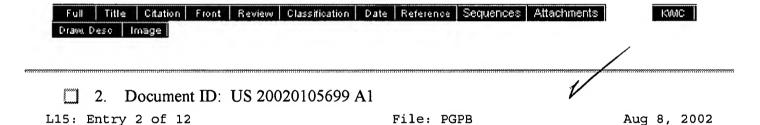
COUNTRY

RULE-47

Koh, Seungug
Wu, Danjin

Sunnyvale Sunnyvale CA CA US US

US-CL-CURRENT: 385/48; 385/24, 385/39, 385/49



PGPUB-DOCUMENT-NUMBER: 20020105699

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020105699 A1

TITLE: Integrated optical micro-electromechanical systems and methods of fabricating and operating the same

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION:

Hilbert, Claude

NAME CITY
Miracky, Robert F. Cedar Park
Reed, Jason D. W. Hartford
Hu, Kai Farmingdale

Farmingdale Austin

CITY STATE
Cedar Park TX

TX US
CT US
NJ US

US US

COUNTRY

TX

US-CL-CURRENT: 398/56; 359/315, 359/355, 372/103, 372/38.1, 385/14

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Draw, Desc | Image |

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3. Document ID: US 20020076140 A1 L15: Entry 3 of 12 File: PGPB Jun 20, 2002 PGPUB-DOCUMENT-NUMBER: 20020076140 PGPUB-FILING-TYPE: new DOCUMENT-IDENTIFIER: US 20020076140 A1 TITLE: MEMS optical switch with pneumatic actuation PUBLICATION-DATE: June 20, 2002 INVENTOR-INFORMATION: STATE COUNTRY RULE-47 NAME CITY CA Kobrin, Boris San Francisco US-CL-CURRENT 385/18 Title Citation Front Review Classification Date Reference Sequences Attachments KWIC 4. Document ID: US 20020076139 A1 Jun 20, 2002 L15: Entry 4 of 12 File: PGPB PGPUB-DOCUMENT-NUMBER: 20020076139 PGPUB-FILING-TYPE: new DOCUMENT-IDENTIFIER: US 20020076139 A1

TITLE: MEMS optical switch with acoustic pulse actuation

PUBLICATION-DATE: June 20, 2002

INVENTOR-INFORMATION:

NAME Kobrin, Boris CITY

STATE

COUNTRY

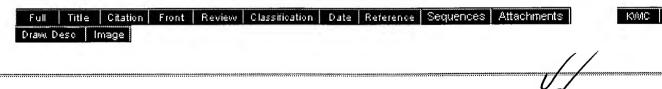
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San Francisco

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US

US-CL-CURRENT:



5. Document ID: US 20020009256 A1

L15: Entry 5 of 12

File: PGPB

Jan 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020009256

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020009256 A1

TITLE: Variable optical attenuator and beam splitter

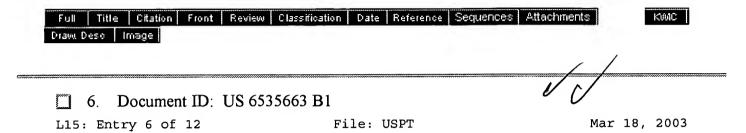
PUBLICATION-DATE: January 24, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Chertkow, Igal Ashdod TT. Patlakh, Anatoly Holon IL Messica, Avi Tel Mond TL

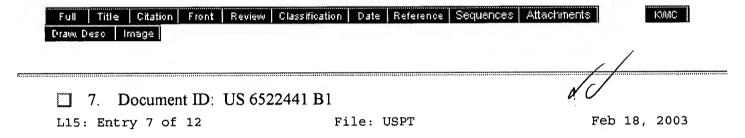
US-CL-CURRENT: 385/18; 385/140



US-PAT-NO: 6535663

DOCUMENT-IDENTIFIER: US 6535663 B1

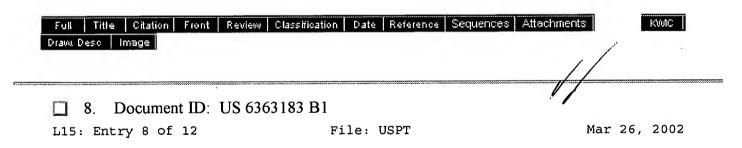
TITLE: Microelectromechanical device with moving element



US-PAT-NO: 6522441

DOCUMENT-IDENTIFIER: US 6522441 B1

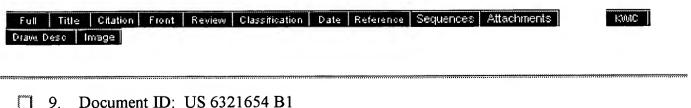
TITLE: Micro-optical system for an auto-focus scanner having an improved depth of field



US-PAT-NO: 6363183

DOCUMENT-IDENTIFIER: US 6363183 B1

TITLE: Reconfigurable and scalable intergrated optic waveguide add/drop multiplexing element using micro-opto-electro-mechanical systems and methods of fabricating thereof



L15: Entry 9 of 12

File: USPT

Nov 27, 2001

US-PAT-NO: 6321654

DOCUMENT-IDENTIFIER: US 6321654 B1

TITLE: Microelectromechanical systems (MEMS) -type devices having latch release and

output mechanisms

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMC Praw. Desc Image

10. Document ID: US 5995688 A

L15: Entry 10 of 12

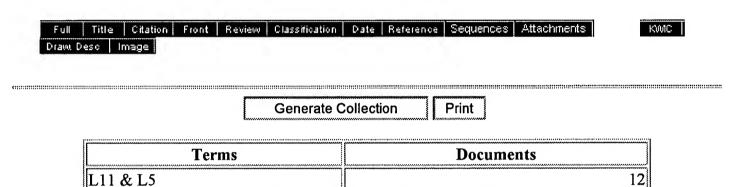
File: USPT

Nov 30, 1999

US-PAT-NO: 5995688

DOCUMENT-IDENTIFIER: US 5995688 A

TITLE: Micro-opto-electromechanical devices and method therefor



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Search Results - Record(s) 1 through 4 of 4 returned.

1. Document ID: US 4949126 A

L6: Entry 1 of 4

File: USPT

Aug 14, 1990

US-PAT-NO: 4949126

DOCUMENT-IDENTIFIER: US 4949126 A

TITLE: Optical reproduction apparatus and improved bellows therefor

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC |
Drawl Desc | Image |

2. Document ID: US 3774516 A

L6: Entry 2 of 4

File: USPT

Nov 27, 1973

US-PAT-NO: 3774516

DOCUMENT-IDENTIFIER: US 3774516 A

TITLE: PHOTOGRAPHIC CONTROL SYSTEM AND APPARATUS HAVING SELF-MONITORING FEATURES

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMC |

3. Document ID: US 3760701 A

L6: Entry 3 of 4

File: USPT

Sep 25, 1973

US-PAT-NO: 3760701

DOCUMENT-IDENTIFIER: US 3760701 A

TITLE: PHOTOGRAPHIC APPARATUS WITH DELAYED INTERLOCK SWITCH

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | KMC |
Draw, Desc | Image |

4. Document ID: US 3750551 A

L6: Entry 4 of 4

File: USPT

Aug 7, 1973

US-PAT-NO: 3750551

DOCUMENT-IDENTIFIER: US 3750551 A

TITLE: PHOTOGRAPHIC APPARATUS AND SYSTEM WITH AUTOMATIC FILM COVER EJECTION

Full	Title		Front	Review	Classification		Reference			KWAC
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